

**Senate File 2080 - Introduced**

SENATE FILE 2080

BY NUNN

**A BILL FOR**

1 An Act prohibiting the state and political subdivisions of the  
2 state from expending public moneys for payment to persons  
3 responsible for ransomware attacks.

4 BE IT ENACTED BY THE GENERAL ASSEMBLY OF THE STATE OF IOWA:

1      Section 1.   NEW SECTION.   8H.1   Definitions.

2 As used in this section, unless the context otherwise  
3 requires:

4 1. "*Encryption*" means the use of an algorithmic process  
5 to transform data into a form in which the data is rendered  
6 unreadable or unusable without the use of a confidential  
7 process or key.

8     2. "*Political subdivision*" means a city, county, township,  
9 or school district.

10 3. "*Ransomware attack*" means carrying out until payment is  
11 made, or threatening to carry out until payment is made, any of  
12 the following actions:

13      *a.* An act declared unlawful pursuant to section 715.4.

14      *b.* A “*breach of security*” as defined in section 715C.1.

15       c. The use of any form of software that results in the  
16 unauthorized encryption of data, the denial of access to data,  
17 the denial of access to a computer, or the denial of access to  
18 a computer system.

19       Sec. 2. NEW SECTION.   8H.2   Public moneys — prohibition —  
20 ransomware.

21 The state or a political subdivision of the state shall not  
22 expend public moneys for payment to a person responsible for,  
23 or reasonably believed to be responsible for, a ransomware  
24 attack.

25	EXPLANATION
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26 The inclusion of this explanation does not constitute agreement with  
27 the explanation's substance by the members of the general assembly.

28       This bill prohibits the state and a political subdivision of  
29 the state from expending public moneys for payment to persons  
30 responsible for ransomware attacks.

31 The bill defines "encryption" as the use of an algorithmic  
32 process to transform data into a form in which the data  
33 is rendered unreadable or unusable without the use of a  
34 confidential process or key. The bill defines "political  
35 subdivision" as a city, county, township, or school district.

1 The bill defines "ransomware attack" to mean carrying out until  
2 payment is made, or threatening to carry out until payment is  
3 made, any of the following: an act declared unlawful pursuant  
4 to Code section 715.4; a "breach of security" as defined in  
5 Code section 715C.1; or the use of any form of software that  
6 results in the unauthorized encryption of data, the denial of  
7 access to data, the denial of access to a computer, or the  
8 denial of access to a computer system.

9 The bill provides that the state and a political subdivision  
10 of the state shall not expend public moneys for payment  
11 to a person responsible for, or reasonably believed to be  
12 responsible for, a ransomware attack.